



Introduction

Thank you for buying a RadioShack Remote Control. You can use your remote to replace a broken or lost remote or combine the functions of two or more remotes.

This remote control operates the common features of most (but not all) models and brands of IR (Infrared) controlled video equipment. This remote may support functions that are not available on your device. Some functions of your particular device (such as menu functions) may not be controlled by this remote. In such cases, use the original remote control for your device.

Please use this manual to become familiar with your remote, then install batteries and set up your remote for your particular device and brand.

Battery Installation

- Push down on the tab on the back of the remote and lift off the cover.
- Match the batteries to the + and - marks inside the battery case, then insert 4 AAA alkaline batteries.
- Replace the cover.

When the remote's range decreases or it does not operate properly, replace the batteries. You have 2 minutes to change the batteries without losing codes you have programmed. However, do not press any buttons until batteries are installed. If buttons are pressed without batteries in the remote, all codes will be lost.

Battery Saver

Your remote automatically times out if the buttons are pressed more than 30 seconds. This will save your batteries should your remote get stuck in a place (for example, between sofa cushions) where the buttons remain pressed.

TV Volume/Mute Punch-Through

The TV Volume/Mute punch-through feature lets you control the Volume and Mute function of your TV in any mode programmed to be a VCR, DVD, Cable, or DBS device without changing to TV mode.

TV/VCR Punch-Through

VCR Punch-through is only available in TV mode and any mode programmed for Cable, the 6 VCR keys (Play, Pause, Stop, Record, FF and Rewind) will punch-through to the device programmed under VCR (in TV mode), or any mode programmed for Cable.

Button functions

The remote powers on in TV mode.

A-B Operates as TV/Video, TV/VCR, etc., depending on mode.

PIP Operates your television's Picture-in-Picture feature if available.

Disp Displays device on-screen status information.

Enter Used to enter channel numbers for some devices.

Backlight Lights up the buttons on the remote when pressed.

Menu Puts the remote in Menu mode and displays the menu on the TV. The indicator light blinks continuously to indicate the remote is in Menu mode, VOL UP/DOWN keys operate as cursor right/left, CH+/- keys operate as cursor up/down, and Mute operates as OK. Press any mode key to exit Menu.

Guide Displays on-screen Satellite Channel Guide. To use the cursor keys in Guide screens, activate Menu Mode (above) then press **Guide**. The same keys are now available for Guide as described above for Menu Mode.

Last 100+ Goes to last channel viewed. Press first, then enter the number for channels higher than 100.

Note: Some buttons on the remote might have functions that are labeled differently on the device you are controlling, depending on the brand and model of your device. For example, Last may be called RECALL or Previous Channel; ENTER may be called DISPLAY.

Also, this remote can only operate features that exist on your device. For example, your device must have Previous Channel capability for the Last button to operate this feature.

Code Setup

The Setup button is used to set up the remote. You can set up the remote using the code for your brand of device from the code list, or search through the library of codes until you find a code that works for your device.

You can store any kind of code under any mode (except TV). For example, you can store a VCR code under the DBS key, or a DVD code under the VCR key, etc.

However, you can only store TV codes under the TV key.

Direct Code Entry

- Press and hold the Setup button until the red indicator stays on. Release the Setup button.
- Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
- Enter the 3 digit code from the code list.

Note: The red indicator turns off after a valid code entry and flashes for an invalid code.

TV/VCR and TV/DVD Combo units

For some TV/VCR and TV/DVD combo units, you might need to set up two different buttons to control both parts of the combo unit. (See "Direct Code Entry.") For example, set up a code under the TV button to control the TV part of the combo unit AND a separate code for the VCR or DVD under any other button you choose.

Programming with Code Search

- Manually turn on the device (TV, VCR, etc.) to be controlled.
- Press and hold the Setup button until the red indicator stays on. Release the Setup button.
- Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
- Press and release the Setup button. The indicator light blinks off.

4. To find the first digit for the code stored under the mode key you pressed in step 2, press each numeric key from 0-9 in turn. When the indicator blinks off, the number you pressed is the first digit for the code you are searching for.

5. Repeat step 4 to find the second and third digits.

Sleep Timer

The Sleep Time enables the remote to turn off the TV after a period of 1 to 99 minutes. The remote must be in TV mode to set a Sleep Timer. This feature works even if your TV does not have a sleep feature.

- Press and release the TV mode key.
- Press and hold the Sleep button until the LED remains lit (about 2-3 seconds).
- Release the Sleep button.
- Press and release the numeric keys (01-99) for the time required. The LED will blink off to indicate keypress acceptance.
- TV Sleep Timer is set.

Operation

- Press the mode button for the desired device.
- Aim the remote at the device.
- Press POWER to turn on the device.
- Press other buttons to operate the features of your device.

Troubleshooting

Remote does not operate your device.

- Press the mode button of the device you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your device.

Code Identification

- Press and hold the Setup button until the red indicator stays lit. Release the Setup button.
- Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
- Press and release the Setup button. The indicator light blinks off.
- Press the Channel Up button repeatedly (up to 300 times) until the device to be controlled changes channels. The red indicator blinks, then stays lit.

If you accidentally overshoot the desired code, press the Channel Down button to backtrack through the library until the device changes channels. Pressing Channel Up changes the direction to forward again. Press and release the Enter button to set the code. If the device does not have a Channel Up button, use Play (VCR or DVD) or Power instead.

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The Sleep Time enables the remote to turn off the TV after a period of 1 to 99 minutes. The remote must be in TV mode to set a Sleep Timer. This feature works even if your TV does not have a sleep feature.

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V	ELEKTRA 001	MAGNAVOX 004 008	PULSAR 121	TELECAPTION 117	DAYTRON 335	MGA 254 290	REPLAY 373	Cable	SIGNATURE 463	ONKYO 422	NORSTA 60 1062	FISHER 66 67 75 S YLVANIA 66	
	ELECTROBAND 002 014009 062 068 069 074 075	PULSER..... 004	TELERENT 000 001	DBX 234 348	MGN TECHNOLOGY 238	RICOH 353		SL MARX 474	OPTIMUS 404 439	PACE 61 615 646	GE 66 67 77 S YMPIONI 66 79	
	ELECTROHOME 003 004076 077 089 133 163 165	QUASAR 003 054 055 062	TERA 004 186	DIMINSA 225	MIDLAND 278	RUNCO 329		SPRUCER 460	ORITRON 415	PANASONICDS 58 626	GENEXXA 62 63 68 719 709 01 07 185	
	LCME 003 021009 022 133	MAJESTIC 000 001070 148 149 170 171	TMK 004 009	DYNATECH 227 251	MINOLTA 280 332	SAMSUNG 230 238 240 258		STANDARD COMPONENTS	PANASONIC 400 401	PRIMESAIR 62 740	GOLDSAR 72 20 TECHNICS 71 63 830 886
	LBEX 185		EMERSON 004 009	MARANTZ 004 009 062	RADIO SHACK ..000 004 009	TOSHIBA013 049 089 105	ELECTROHOME 239 254278 280 337 354 359		PHILIPS 398 408 423	PHILIPS 57 66 1269		HARMAN KARDON 68 69 1 T HETA DIGITAL 73
	EMERSON 018014 023 024 025 026 027	MEGATRON 004 009 059031 041 042 048 049 053	ELECTROPHONIC 239109 117 118 120 159 178	UNIVERSAL 052 087295 296 298 299 348		AMERICAST 527	PIONEER 404 439	PHILIPS/MAGNAVOX 576	ADMIRAL 67 78 TOSIBA 72 1
	EMERSON 018004 009	ADMIRAL 001 173030 032 033 034 035 036	EMERSON 014095 133 155 170 172 194	EMERSON 227 231 237 239295 296 298 299 348		ANTRONIX 468 469	STARCOM 461 467 478	PROSCAN 403	PROSCAN 61 2 639
	EMERSON 018004 009	ADMIRAL 001 173030 032 033 034 035 036	EMERSON 014095 133 155 170 172 194	EMERSON 227 231 237 239295 296 298 299 348		VICTOR 079	STAR SIGHT 520	RADIOSHACK 342 443	PIONEER 584
	EMERSON 018004 009	ADMIRAL 001 173030 032 033 034 035 036	EMERSON 014095 133 155 170 172 194	EMERSON 227 231 237 239295 296 298 299 348		VIDTECH 004 005 009	STAR SIGHT CABLE	AT&T 511	STAR SIGHT CABLE
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Cat. No. 15-2113 A] Code List

V	DUMONT	004 121	LOEWE	062 211	PORTLAND 004 005 009 058	SYMPHONIC	033 053 189	CITIZEN	234 238 239 240	LLOYD	227 251	QUASAR	246 285	UNITECH	238	
	DYNASTY	042	LOGIK	000 001	PRECISION	166	TANDY	173	LOGIK	286		340 350 363	PACE	532		
BEX	185	ELEKTRA	001	LUXMAN	004 009	PRICE CLUB	105	COLORTYME	234	RCA	225 228 238 246	VECTOR RESEARCH	234			
CME	003 021	ELECTROBAND	002 014	LXI	000 004 009 031	PRISM	055	TECHNICS	054 055	COLT	286		240 241 348	PANASONIC	460 508	
DA	018	ELECTROHOME	003 004		049 062 107 109 181	PROSCAN ...000 031 107 181	TECHWOOD	004 009	CRAIG	238 239 248 286	MAGNAVOX	246 285 287		348	PARAGON	486
DC	004 002				053 009 022 133	PROTON	004 009 093		054 055	CURTIS MATHES	225 227		471 472 473 479	VICTOR		
ADMIRAL	001 173	EMERSON	004 009		009 062 068 069 074 075	PULSAR	175 186 192	TEKNIKA	000 001 004 005	TEKNIKA	234 238 241	MAGNIN	238	VIDEO CONCEPTS	234	
VENTURA	174				076 077 089 133 163 165	PULSAR	121		008 009 013 042 046 053	MARANTZ	234 241 246	RADIOSHACK	225 226 227	PHILIPS/MAGNAVOX	505	
IKO	058				058 076 105 109 170 174	PULSER	004		058 076 105 109 170 174	CYBERNEX	238	VIDEOSONIC	238		534	
IWA	195 196				037 038 039 040 041 042	QUASAR	003 054 055 062	TELECAPTION	117	DAEWOO	240 242 244	WARDS	226 227 238 239	WARDS		
ALLERON	046				043 045 046 049 053 116	MEGATRON	004 009 059	TELERENT	000 001	TERA	004 186	PIONEER	493 494 498	PIONEER		
MARK	020				135 147 177 179	RADIO SHACK ..000 004 009			031 041 042 048 049 053	DAYTRON	335	PULSAR	240 246 248 251	PULSAR		
MTRON	053	ENVISION	004 009			MEMOREX	000 001 004			DBX	234 348	WHITE WESTINGHOUSE ..	285 286 300 326 332 341	WHITE WESTINGHOUSE ..		
KAI	002	FISHER 013 049 050 180 209				009 046 049 051 135	TOSHIBA ..013 049 089 105	MEMOREX	226 227 238	MEMOREX	226 227 238	RADIX	239	RCA	460 507	
AMSTRAD	189	FUJITSU	046 197			095 133 155 170 172 194	DIMENZIA	225		009 141 042 048 049 053	MEMOREX	226 227 238	RANDEX	239	REALISTIC	469
NAM NATIONAL	003	FUNAI	042 053 046			109 117 118 120 159 178	DYNATECH	227 251		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	227 233	REALISTIC	
	025 042 053 193	FUTURETEC	042 053			009 011 048 078 082 083	UNIVERSAL	052 087		031 041 042 048 049 053	DAYTRON	335	REALISTIC	225 226 227	REALISTIC	
OC	004 005 007 009	GE	000 003 004 009 022			094 096 098 099 101 102	VICTOR	079		031 041 042 048 049 053	DAEWOO	240 242 244	REALISTIC	225 226 227	REALISTIC	
	014 132 156 175		121 172 181			103 107 113 129 133 167	ELECTROHOME	239		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
RCHER	020		179 181 187 188 194			179 181 187 188 194	ELECTROPHONIC	239		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
AUDIOVOX	053	GIBRALTER	004 121			180 181 187 188 194	VIDTECH	004 005 009		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
GANG & OLFSEN	190	GOLDSTAR	004 005 009			180 181 187 188 194	EMERSON ..	227 231 237 239		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
ELLCOR	004		180 181 187 188 194			180 181 187 188 194	MINUTZ	052		031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
BELL & HOWELL	000	GRUNDY	046 053			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
	001 049	HALLMARK	004 009			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
GRADFORD	053	HARVARD	053			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
ROKSONIC	136 147	HITACHI	001 004 009			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
ROKWOOD	004		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CANDLE	004 008 009 174		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CAPEHART	175		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CELEBRITY	002	IMA	053			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
ENTURION	009	INFINITY	062			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CETRONIC	042	INTEQ	121			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CITIZEN	001 004 008 009	JANEIL	174			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
	042 053 058 105 109 177	JBL	062			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
LAIRTON	014	JCB	002			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CLASSIC	042	JC PENNY	000 004 005			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
COLORTYME	004 009 010		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CONCERTO	004 009		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CONCIERGE	121		180 181 187 188 194			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
CONTEC/CONY	012 013	JENSEN	004 009			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REALISTIC	225 226 227	REALISTIC	225 226 227	REALISTIC	
	014 042 053	JVC	013 054 055			180 181 187 188 194	WHITE WESTINGHOUSE ..			031 041 042 048 049 053	REAL					